

DATE: 20 Dec 01

STATEMENT OF WORK (SOW)  
for  
Inspection and Repair Only As Necessary (IROAN)  
of the  
AN/TPS-63B  
Display Processor CCA  
NSN 5999-01-088-3109

SOW-04-C4I-88733B-2/1

1. This SOW identifies the work effort that shall be performed by the contractor to repair the AN/TPS-63B Display Processor CCA, NSN 5999-01-088-3109, part number 356D891G01, CAGE 97942.
2. The attached manuscript has been reviewed and is concurred upon by the following signers:



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AN/TPS-63B  
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1.0 Scope. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work efforts that shall be performed by the contractor to repair the AN/TPS-63B Display Processor Circuit Card Assembly (CCA), NSN 5999-01-088-3109, part number 356D891G01, CAGE 97942. This document contains requirements to restore the Display Processor CCA to Condition Code "A." Condition Code "A" is defined as "Serviceable/issuable without qualification; new, used, repaired or reconditioned material that is serviceable and issuable to all customers without limitation or restriction, including material with more than six months shelf-life remaining."

1.1 Background. IROAN is defined as "That maintenance technique which determines the minimum repairs necessary to restore equipment components or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

2.0 Applicable Documents. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirements.

2.1 Military Standards

MIL-STD-2073-ID	DOD Standard Practice for Military Packaging
MIL-STD-129	DOD Standard Practice for Military Marking

2.2 Other Government Documents and Publications

356D891, CAGE 97942	Engineering Drawing, Processor, Display
356D891, CAGE 97942	Parts List, Display Processor
638A304, CAGE 97942	Test Specification, Display Processor

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance
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### 2.3 Industry Standards

ANSI/ISO/ASQC  
Q9003-1994

Quality Systems - Model for Quality Assurance in Final  
Inspection and Test

JESD625-A

Requirements for Handling Electrostatic-Discharge  
Sensitive (ESDS) Devices

#### Industry Standards (For Guidance)

ANSI/EIA-649

National Consensus Standard for Configuration  
Management

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697- 2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, GA 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from: Supply Chain Management Center, Attn: Code 583-1, 814 Radford Blvd., Suite 20320, Albany, GA 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

### 3.0 Requirements

3.1 The contractor shall repair the Display Processor CCA strictly in accordance with the requirements as specified in Engineering Drawing 356D891 and Parts List 356D891, CAGE 97942. Testing shall be conducted in accordance with Test Requirement 638A304, CAGE 97942, and the test results shall be documented in a Test Data Report (TDR). The contractor shall be responsible for all parts, materials, labor, facilities, tools, and test equipment necessary to inspect and repair only as necessary the equipment in accordance with this SOW.

#### 3.2 Packaging, Handling, Storage and Transportation (PHS&T).

3.2.1 The contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items scheduled for long term storage or shipment to overseas destinations shall be in accordance with the level "A" requirements of MIL-STD-2073-1D, Appendix J, Table J.Ia, Specialized Preservation Code "GX". Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with level "B" requirements. This item is subject to Electrostatic Sensitivity and shall be packed into a reusable fast-pack container.

NOTE: Level "A" preservation and packaging shall normally be required due to the anticipated long-term storage requirements. Exceptions: Items that have a confirmed immediate use

requirement, shall be identified, in writing, by the Logistics Management Specialist (MCSC, Code BMADS, Albany, Georgia).

3.2.2 Marking for shipment and storage shall be in accordance with MIL-STD-129.

3.2.3 The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the contractor.

3.3 Configuration Control. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. All permanent changes to the form, fit or function of the baseline shall be by Engineering Change Proposal. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request for Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing these configuration control documents.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 573-2) will coordinate Government Furnished Equipment/Government Furnished Materiel (GFE)/(GFM) requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE Accountability Agreement to the contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. (This can be done by mailing (Materiel Management Department, Management Control Activity (Code 573-2), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320) or faxing (commercial 229-639-5498 or DSN 567-5498) a copy of the DD1348).

3.5 Electrostatic Discharge (ESD) Control Program. The contractor shall establish, implement, and document an ESD control program following the guidelines provided in JESD625-A. ESD protective measures shall be used during manufacturing, handling, inspection, testing, marking, packaging, storing and transporting ESD sensitive components.

3.6 Quality Assurance Provisions. The contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9003-1994, Quality Systems - Model for Quality Assurance in Final Inspection and Test.

4.0 Reports. The contractor shall develop a Test Data Report (TDR) in contractor format, referencing this SOW, the NSN, part number, and serial number of the Display Processor CCA. The TDR shall reference the specific paragraph of the Test Specification 638A304, CAGE 97942, for all "Performance Requirements" (i.e. the allowable parameters, and quantitative test results). Upon request, the contractor shall submit a copy of the TDR electronically (preferred), via regular mail, or facsimile to the Logistics Management Specialist (LMS). Electronic address is [herndonle@matcom.usmc.mil](mailto:herndonle@matcom.usmc.mil). Mailing address is: Commander, Marine Corps Systems Command, Attn: Logistics Management Specialist, Code BMADS, 814 Radford Blvd., Suite

20343, Albany, GA 31704-0343. Facsimiles may be sent to (229) 639-6545 or DSN 567-6545,  
Attn: Logistics Management Specialist, Code BMADS.

(1 Data Item)

Form Approved  
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER _____ <b>X</b>
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<b>D. SYSTEM/ITEM</b>	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>
Display Processor CCA		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	Engineering Change Proposal (ECP)	Configuration Management

4. AUTHORITY (Data Acquisition Document No.) <b>DI-CMAN-80639C</b>	5. CONTRACT REFERENCE <b>SOW 3.3</b>	6. REQUIRING OFFICE <b>MCLBA (583)</b>
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED  A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION		
11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION	14. ADDRESSEE	b. COPIES		
9. APP CODE A					Draft	Final
					Reg    Repro	

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G. PREPARED BY <i>James C. Clark</i>	H. DATE <i>18 Nov 01</i>	I. APPROVED BY <i>L. E. H. H.</i>	J. DATE <i>11 Dec 02</i>
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15. REMARKS  
Blk 4 - Contractor format submitted in .pdf or .doc format is authorized.

Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.

Block 14: RFDs shall be transmitted via E-Mail to the following address: mbmatcomconfigmgmnt@matcom.usmc.mil

Distribution Statement A: Approved for Public Release; Distribution is Unlimited.

G. PREPARED BY <i>James C. Clark</i>		H. DATE <i>18 Nov 01</i>	I. APPROVED BY <i>E. Hendon</i>	J. DATE <i>11 Dec 02</i>
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